

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/015802

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07K5/078 A61K38/05 A61P31/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07K A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/59929 A (BOEHRINGER INGELHEIM CA LTD ; GOUDREAU NATHALIE (CA); GHIRO ELISE (CA)) 12 October 2000 (2000-10-12) cited in the application the whole document -----	1-17
Y	WEINSTEIN B: "CHEMISTRY AND BIOCHEMISTRY OF AMINO ACIDS, PEPTIDES AND PROTEINS, PASSAGE" CHEMISTRY AND BIOCHEMISTRY OF AMINO ACIDS, PEPTIDES, AND PROTEINS, XX, XX, vol. 7, 1983, pages 266-357, XP002032461 See particularly pages 292-295 abstract ----- -/-	1-17

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*&\* document member of the same patent family

Date of the actual completion of the international search

1 November 2004

Date of mailing of the International search report

18/11/2004

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PCT/US2004/015802

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/09543 A (BOEHRINGER INGELHEIM CA LTD ; GOUDREAU NATHALIE (CA); GHIRO ELISE (CA)) 24 February 2000 (2000-02-24) cited in the application The whole document; see particularly page 10, line 23 to page 11, line 9	1-17

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
**Although claims 12-16 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.**
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

## Information on patent family members

International Application No	
PCT/US2004/015802	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0059929	A 12-10-2000	AT 277945 T AU 3548000 A BG 105970 A BR 0009599 A WO 0059929 A1 CA 2367127 A1 CN 1346365 T CZ 20013467 A3 EE 200100516 A EP 1169339 A1 EP 1437362 A1 HR 20010720 A1 HU 0300121 A2 ID 30459 A JP 2002542160 T NO 20014857 A NZ 515286 A PL 350855 A1 SK 14072001 A3 TR 200102878 T2 US 2004002448 A1 US 6608027 B1	15-10-2004 23-10-2000 31-05-2002 15-01-2002 12-10-2000 12-10-2000 24-04-2002 12-06-2002 16-12-2002 09-01-2002 14-07-2004 31-12-2002 28-06-2003 06-12-2001 10-12-2002 31-10-2001 27-02-2004 10-02-2003 05-03-2002 21-01-2002 01-01-2004 19-08-2003
WO 0009543	A 24-02-2000	AU 769738 B2 AU 5273199 A BG 105232 A BR 9913646 A CA 2338946 A1 CA 2445938 A1 WO 0009543 A2 CN 1323316 T CZ 20010516 A3 EA 3906 B1 EE 200100081 A EP 1105413 A2 HR 20010102 A1 HU 0105144 A2 ID 27839 A JP 2002522554 T NO 20010683 A NZ 510396 A PL 346626 A1 SK 2062001 A3 TR 200100432 T2 TR 200200129 T2 US 6534523 B1 US 6323180 B1 US 6268207 B1 US 6329379 B1 US 6329417 B1 US 2002016442 A1 US 2002037998 A1	05-02-2004 06-03-2000 30-11-2001 05-06-2001 24-02-2000 24-02-2000 24-02-2000 21-11-2001 15-08-2001 30-10-2003 15-08-2002 13-06-2001 28-02-2002 29-04-2002 26-04-2001 23-07-2002 02-04-2001 27-02-2004 25-02-2002 08-10-2001 21-09-2001 21-06-2002 18-03-2003 27-11-2001 31-07-2001 11-12-2001 11-12-2001 07-02-2002 28-03-2002